

TITLE: Transportation Engineer

RD/10

DEPARTMENT: Road Department, Fayette County

JOB SUMMARY: This position is responsible for providing engineering support in the planning, design, implementation, and oversight of transportation projects within the county.

MAJOR DUTIES:

- o Serves as project manager for select county transportation projects; ensures projects are completed according to schedule and within budget.
- o Provides engineering services to support the design, permitting and construction of transportation projects, street, intersection, and storm drainage design, grading calculations, and determining compliance with safety standards.
- o Supervises and directs construction crews.
- o Runs CADD and GIS computer software, graphic software, hydrology and hydraulic modeling software, GPS data collectors, and basic surveying equipment to support engineering and development functions.
- o Coordinates transportation planning and budgeting activities with local governments, regional organizations, and state agencies.
- o Drafts internal and external correspondence; represents the county at meetings; responds to data requests.
- o Investigates and resolves transportation and right-of-way related customer service requests.
- o Performs other related duties as assigned.

KNOWLEDGE REQUIRED BY THE POSITION:

- o Knowledge of public works principles, practices, construction and maintenance standards, methods, materials, equipment, and costs.
- o Knowledge of Department of Transportation standards and specifications.
- o Knowledge of engineering designs as they relate to civil engineering and current developments in the field of civil engineering.
- o Knowledge of county development regulations.
- o Knowledge of relevant federal, state, and local laws.

- o Knowledge of computers and job related software programs.
- o Skill in conveying technical engineering information to non-technical personnel.
- o Skill in reading and interpreting blueprints and plans.
- o Skill in the use of a variety of drafting and surveying equipment.
- o Skill in preparing technical reports, construction estimates and cost records.
- o Skill in the interpretation and application of regulations and standards.
- o Skill in public and interpersonal relations.
- o Skill in oral and written communication.

**SUPERVISORY CONTROLS:** The Road Department Director assigns work in terms of department goals and objectives. The supervisor reviews work through conferences, reports, and observation of activities.

**GUIDELINES:** Guidelines include federal, state, regional, and local laws, codes and polices related to transportation, safety, building, and development and technical manuals and policy paper issued by professional organizations and state agencies. These guidelines require judgment, selection, and interpretation in application.

**COMPLEXITY:** The work consists of varied management, supervisory, and engineering duties. Frequent changes to regulations contribute to the complexity of the position.

**SCOPE AND EFFECT:** The purpose of this position is to provide engineering support for county transportation projects. Success in this position contributes to the efficient, timely, and compliant completion of transportation projects within the county.

**PERSONAL CONTACTS:** Contacts are typically with other county personnel, engineers, surveyors, architects, contractors, developers, elected and appointed officials, environmentalists, homeowners, civic organizations, planners, attorneys, realtors, vendors, and members of the general public.

**PURPOSE OF CONTACTS:** Contacts are typically to give or exchange information; resolve problems; provide services; motivate and influence persons; or justify, defend, negotiate, or settle matters.

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**PHYSICAL DEMANDS:** The work is typically performed while intermittently sitting, standing, stooping, or walking.

**WORK ENVIRONMENT:** The work is typically performed in an office or outdoors. The employee may be exposed to occasional cold or inclement weather.

**SUPERVISORY AND MANAGEMENT RESPONSIBILITY:** This position has direct supervision over Crew Leaders, Equipment Operators, Laborers, and contract workers.

**SPECIAL CERTIFICATIONS AND LICENSES:** Possession of a valid State of Georgia driver's license (Class C) and a satisfactory Motor Vehicle Record (MVR) in compliance with County Safety and Loss Control Guidelines. Completion of the State of Georgia Department of Transportation Defensive Driving Course and/or Emergency Vehicle Operation Certification within twelve (12) months of employment.

**ADA COMPLIANCE:** Fayette County is an Equal Opportunity Employer. ADA requires the County to provide reasonable accommodations to qualified individuals with disabilities. Prospective and current employees are invited to discuss accommodations.

**HIPAA COMPLIANCE:** The Health Insurance Portability and Accountability Act of 1996, as amended, requires employees to protect the security of Protected Health Information (PHI) however it is obtained, handled, learned, heard or viewed in the course of their work.

**DRUG AND ALCOHOL COMPLIANCE:** In accordance of Fayette County's Substance Abuse Policy of 1996, as amended, all job applicants offered employment will undergo testing for the presence of illegal drugs and alcohol as a condition of employment. In the course of employment, employees are subject to random, reasonable suspicion, post accident and routine fitness for duty testing for illegal drugs and alcohol abuse. Employees are prohibited to work under the influence, to possess, to distribute or to sell illegal drugs in the work place or abuse alcohol on the job. Confirmed positive is reason for denial of employment and/or termination.

#### MINIMUM QUALIFICATIONS

- o Knowledge and level of competency commonly associated with completion of baccalaureate degree in a course of study related to the occupational field.
- o Experience sufficient to thoroughly understand the diverse objectives and functions of the subunits in the division/department in order to direct and coordinate work within the division/department, usually interpreted to require three to five years of related experience.
- o Possession of or ability to readily obtain a valid driver's licenses issued by the State of Georgia for the type of vehicle or equipment operated.

EXEMPT/IWE

- o Possession of or ability to readily obtain Georgia Soil and Water Conservation certification.